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October 10, 2000

Ex Parte

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
445 12th St., S.W. – Portals
Washington, DC 20554

RE: Application by Verizon New England Inc., et al., for Authorization To Provide In-Region, InterLATA Services in Massachusetts, Docket No. 00-176

Dear Ms. Salas:

The information provided in the attached letter was prepared in response to a request by Mr. Eric Einhorn in the above proceeding. The twenty-page limit therefore does not apply as set forth in DA 00-2159.

Please feel free to contact me with any questions.

Sincerely,

Dee May (A.B.)

cc: E. Einhorn
S. Pie

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Comparison of New York and Massachusetts OSS

Verizon provides CLECs access to the same pre-ordering, ordering, provisioning, maintenance and repair, and billing functions in New York as it does in Massachusetts (and the other New England states). The Verizon OSS for pre-ordering, ordering, provisioning, maintenance and repair and billing are the same systems in New York and Massachusetts (and the other New England states), with two minor sub-system exceptions within the CRIS billing system. The exceptions in the CRIS billing system are in the usage message processing sub-systems (MPS in New England and MCRIS in New York) and the financial sub-systems (CASH in New England and BCRIS in New York). CLECs should not observe any differences even though there are two different usage message processing sub-systems. If there was a difference that affected CLECs, it would be observed in their usage within a jurisdiction. CLECs cannot observe the differences in the financial sub-systems as the components that differ perform internal financial functions. The billing systems were tested by KPMG in both NY and MA and in both cases fully satisfied the test criteria.

The processing performed by the OSS is the same across New York and the New England states (including Massachusetts). There are some variances due to product, rate and tax differences that are principally determined by the various state regulatory commissions. These differences are implemented in the data underlying the systems. There is, however, one set of Business Rules and interface specifications that cover both New York and New England (including Massachusetts).

For the systems described below, Verizon develops and maintains the application as a single set of source code (also called "software"). It is compiled once and may be distributed to one or more computers to provide sufficient computing capacity to support the workload (the Verizon Capacity Management process was reviewed by KPMG and the Massachusetts DTE). Although there are cases where there are separate system configurations for New York and New England, the class of machines in the respective configurations are the same. When there is more than one copy of an application, the data underlying the application may be segmented (divided into separate databases). For example, one copy of the application may operate on New York data, and another copy may operate on New England data (which includes Massachusetts). Software replication and distribution with data segmentation are common data processing constructs for managing large volumes of data and processing. The system configurations are designed, monitored and managed by Verizon to deliver consistent performance to CLECs and internal users across jurisdictions. Due to the distributed nature of the architecture, however, there can be instances where the *availability* of a computer impacts only New York, only New England or both.

Additional information by system is provided in the following table and in the attached flow diagrams.

System	Configuration	NY/MA Comparison - Significance to CLECs
Interfaces		
Web GUI	**Software:** one application **Hardware:** servers located in Blue Hill NY, supports both NY/NE.	One set of software/hardware supports NY/NE. No differences to CLECs.
EDI – Netlink	**Software:** one application **Hardware:** servers located in Blue Hill NY, supports both NY/NE	One set of software/hardware supports NY/NE. No differences to CLECs.
Corba	**Software:** one application **Hardware:** servers located in Blue Hill NY; supports both NY/NE	One set of software/hardware supports NY/NE. No differences to CLECs.
EBI	**Software:** one application **Hardware:** servers located in Fairland MD; supports both NY/NE	One set of software/hardware supports NY/NE. No differences to CLECs.
Gateways		

DCAS (LSOG2)	**Software:** one application **Hardware:** servers located in Blue Hill NY and Burlington MA, each site supports both NY/NE.	One set of software distributed to two hardware complexes. Both complexes serve both NY/NE. No differences to CLECs.
Request Manager (LSOG4)	**Software:** one application **Hardware:** servers located in Freehold NJ and Fairland MD, each site supports both NY/NE.	One set of software distributed to two hardware complexes. Both complexes serve both NY/NE. No differences to CLECs.
RETAS	**Software:** one application **Hardware:** servers located in Blue Hill NY and Burlington MA, each site supports both NY/NE.	One set of software distributed to two hardware complexes. Both complexes serve both NY/NE. No differences to CLECs.
Back-end OSSs		
DOE L5	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports NY and Burlington MA supports NE	One set of software distributed to two hardware complexes. NY complex supports NY and MA complex supports NE. Could have availability difference.
LiveWire	**Software:** one application **Hardware:** servers located in Fairland MD support NY and in Freehold NJ support NE.	One set of software distributed to two hardware complexes. MD complex supports NY, NJ complex supports NE. Could have availability difference.
Phoenix	**Software:** one application **Hardware:** servers located in Blue Hill NY support both NY/NE.	One set of software/hardware supports NY/NE. No differences to CLECs.
ATLAS	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports both NY/NE	One set of software/hardware supports NY/NE. No differences to CLECs.
SOP	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports NY and Burlington MA supports NE	One set of software distributed to two hardware complexes. NY complex supports NY and MA complex supports NE. Could have availability difference.
CRIS	**Software:** one application with the following exceptions: usage message processing sub-system NE=MPS, NY=MCRIS payment processing sub-system NE=CASH, NY=MCRIS **Hardware:** mainframe-based: Blue Hill NY supports NY and Burlington MA supports NE	One set of software distributed to four hardware complexes. 3 NY complexes support NY and 1 MA complex supports NE. Could have availability difference. Different usage message processing sub-systems could result in usage being guided differently. Different payment processing sub-systems do not impact CLECs.
CABS	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports both NY/NE	One set of software/hardware supports NY/NE. No differences to CLECs.
LFACS/SOAC	**Software:** one application **Hardware:** mainframe-based in Andover MA supports both NY/NE	One set of software distributed to two hardware complexes in MA. One supports NY and one supports NE. Not accessed by CLECs.
SWITCH	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports both NY/NE	One set of software/hardware supports NY/NE. Not accessed by CLECs.
TIRKS	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports NY and Burlington MA supports NE	One set of software distributed to six hardware complexes. 3 NY complexes support NY and 3 MA complexes support NE. Not accessed by CLECs..
WFA	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports NY and Burlington MA supports NE	One set of software distributed to two hardware complexes. NY complex supports NY and MA complex supports NE. Could have availability difference.
MARCH	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports both NY/NE	One set of software/hardware supports NY/NE. Not accessed by CLECs.
LMOS	**Software:** one application **Hardware:** mainframe-based: Blue Hill NY supports NY and Burlington MA supports NE	One set of software distributed to two hardware complexes. NY complex supports NY and MA complex supports NE. Could have availability difference.
MLT	**Software:** one application **Hardware:** servers located in Blue Hill NY support NY and in Burlington MA support NY/NE.	One set of software distributed to three hardware complexes. NY complex supports NY, one MA complex supports NY and one MA complex supports NE. Could have availability difference.
DELPHI	**Software:** one application **Hardware:** servers located in Blue Hill NY support NY and in Burlington MA support NE.	One set of software distributed to two hardware complexes. NY complex supports NY, MA complex supports NE. Could have availability difference.
StarMEM	**Software:** one application **Hardware:** servers located in Blue Hill NY support NY and in Burlington MA support NE.	One set of software distributed to two hardware complexes. NY complex supports NY, MA complex supports NE. Could have availability difference.
SARTS	**Software:** one application **Hardware:** servers located in Blue Hill NY support NY and in Burlington MA support NE.	One set of software distributed to two hardware complexes. NY complex supports NY, MA complex supports NE. Could have availability difference.

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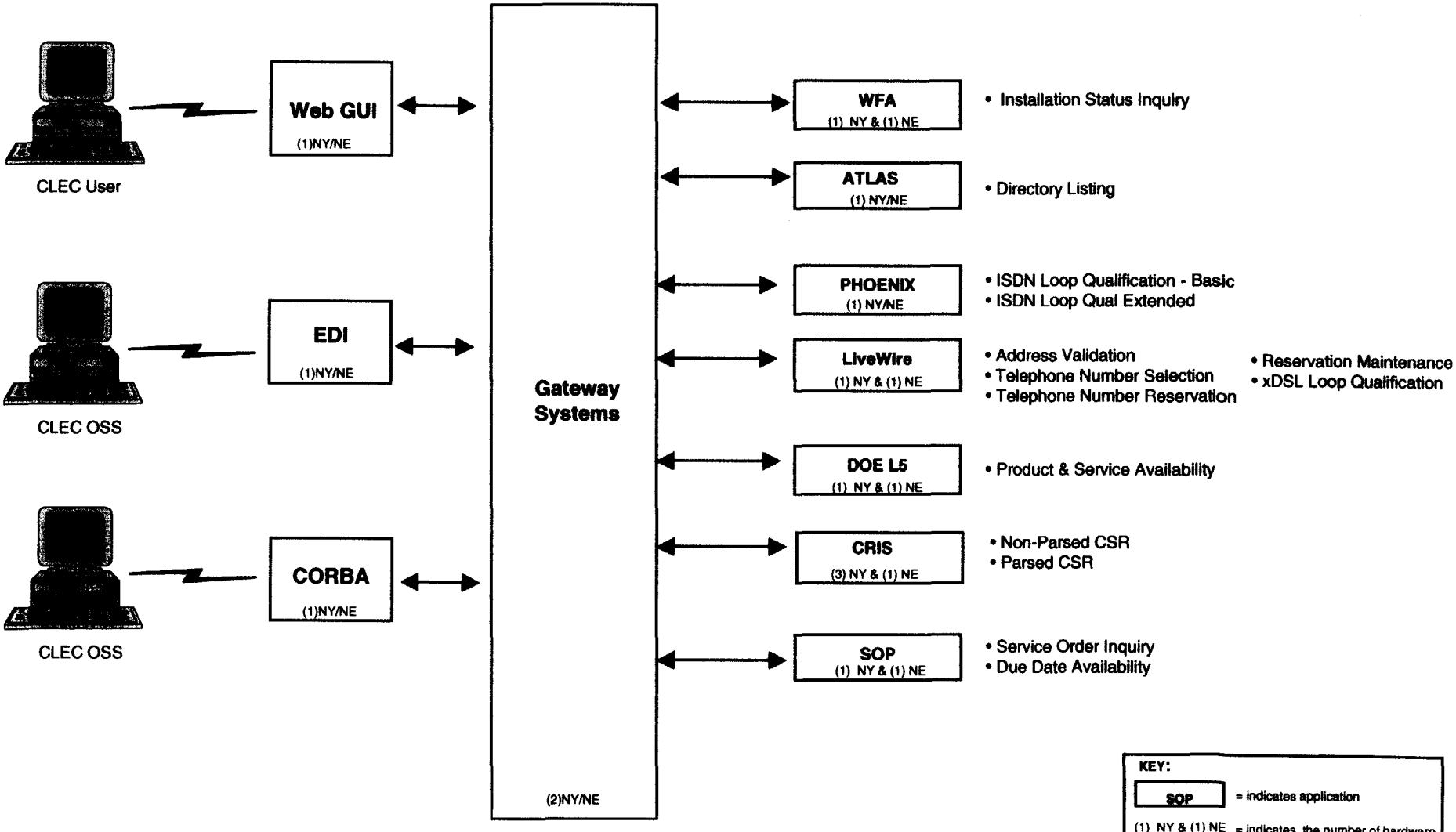
North Pre-Order Process Flow



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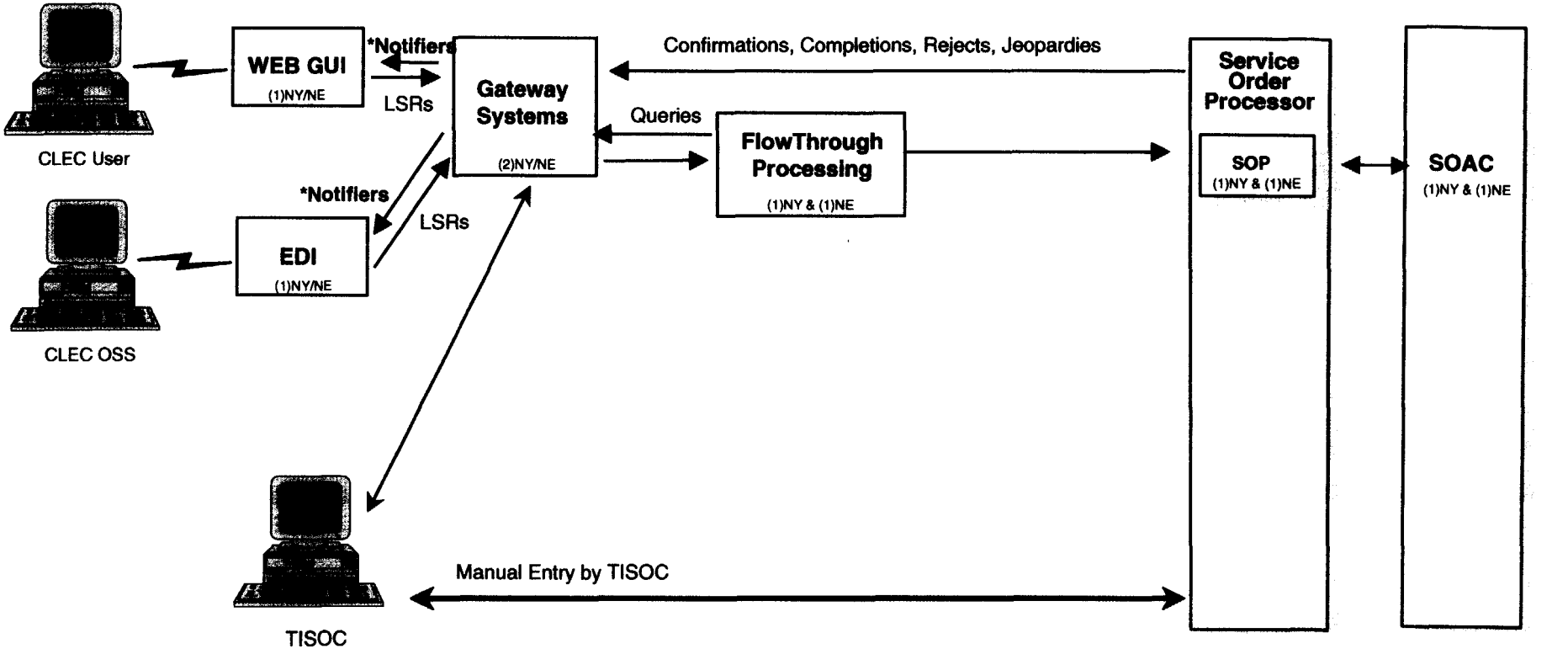
North Order Process Flow



***Notifiers include:**

- Confirmations
- Completions (Provisioning & Billing)
- Rejects (error messages)
- Queries (error messages)
- Jeopardies

KEY:

SOP = indicates application

(1) NY & (1) NE
(1) NY/NE = indicates the number of hardware complexes to which the application is distributed, and the jurisdiction(s) supported by the complex

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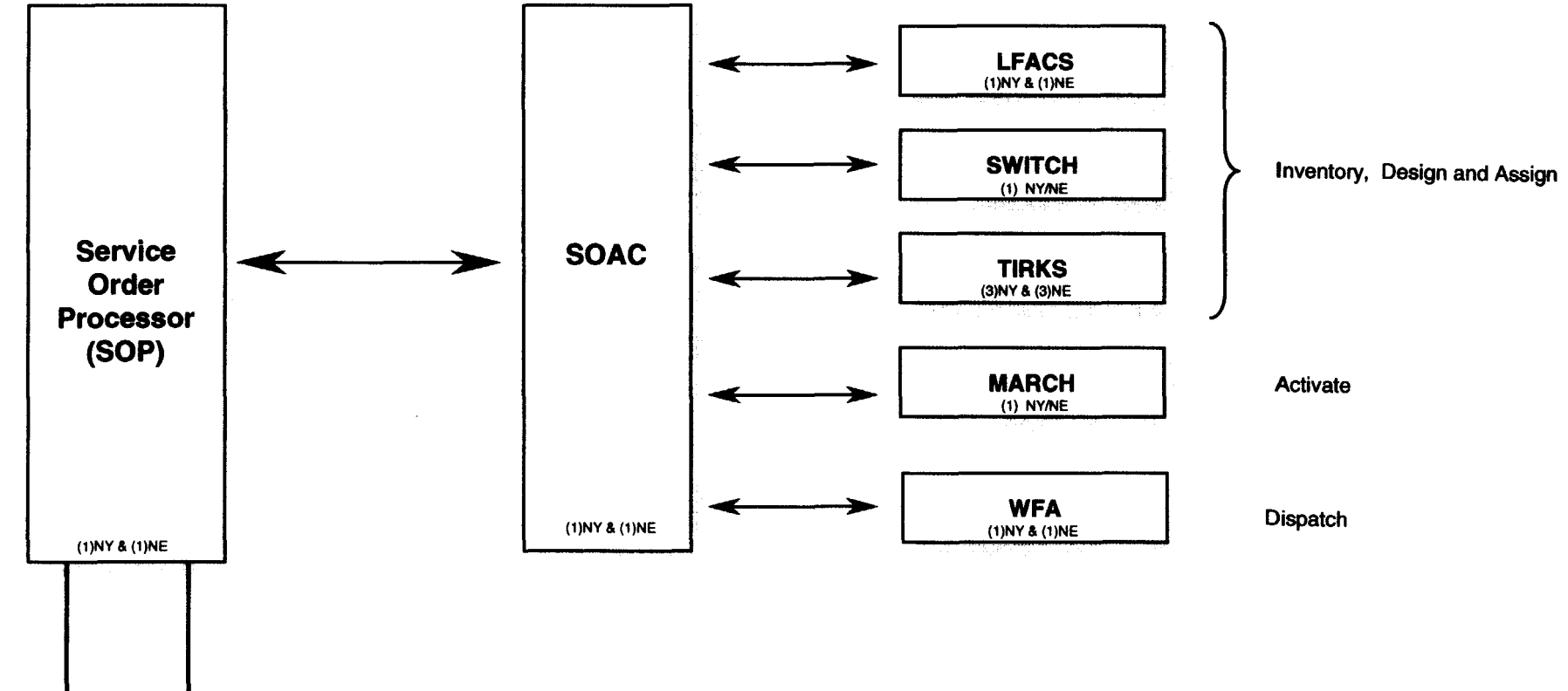
North Provisioning Process Flow



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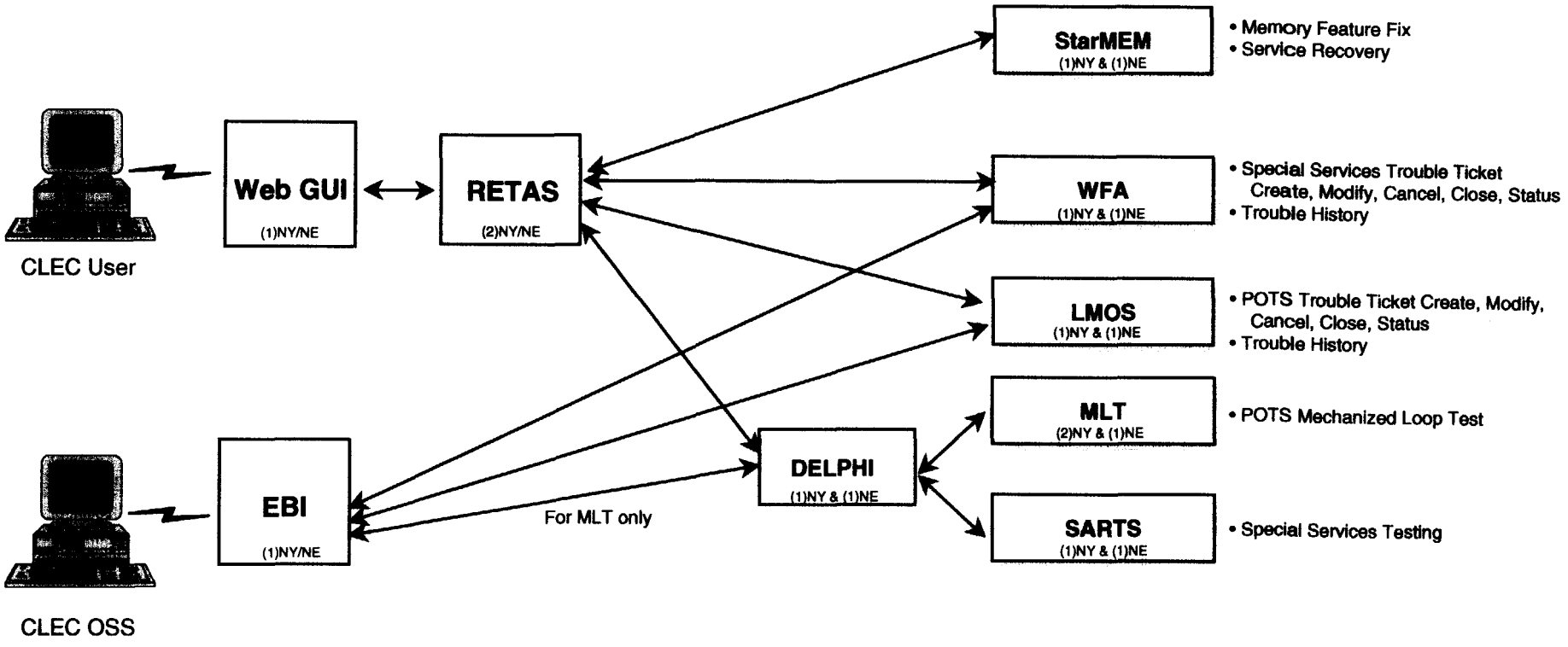
North Maintenance & Repair Process Flow



KEY:

SOP = indicates application

(1) NY & (1) NE
(1) NY/NE = indicates the number of hardware complexes to which the application is distributed, and the jurisdiction(s) supported by the complex

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North Billing Process Flow